Index of Claims

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/917,237      | BYRNE ET AL. |
| Examiner        | Art Unit     |
| Cheryl M. Reid  | 2142         |

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N ı Interference

**Appeal** Α 0 Objected

| Cla  | nim      | Date     |          |          |   |  |              |              |  |          |      | Claim Date  |          |  |                 |                 | .        | Cla      | aim  | Date         |            |                 |              |          |          |              | $\neg$   |          |          |
|--|----------|----------|----------|----------|---|--|--------------|--------------|--|----------|------|-------------|----------|--|-----------------|-----------------|----------|----------|------|--------------|------------|-----------------|--------------|----------|----------|--------------|----------|----------|----------|
| 0,16   |          |          | ı        |          | _ |  | $\bar{\Box}$ |              |  |          | 1    | J''         |          | <del>                                     </del> |                 |                 | $\neg$   | ,        | ٠,   | - 0,1        |            | Т               | $\neg$       | т        |          | $\bar{\Box}$ |          | $\top$   | $\dashv$ |
| <u>70</u>  | Original | 10/26/04 |          |          |   |  |              |              |  |          |      | <u></u>     | Original |  |                 |                 | - 1      |          |      | <del>-</del> | Original   |                 | -            |          |          |              |          |          |          |
| Final  | įģ       | 1,26     |          |          |   |  |              |              |  |          |      | Final       | igi      |  |                 |                 |          | - 1.     | .    | Final        | į į        |                 |              |          |          |              |          |          |          |
| _  | ō        | 2        |          |          |   |  |              |              |  |          |      | -           | Ō        | 1111   |                 |                 |          |          |      | _            | ō          | - 1             |              |          |          |              | ł        |          |          |
|  | 1        | 1        | H        |          |   | $\vdash$   | _            |              | -  |          | ١.   |             | 51       |  | $\dashv \dashv$ | $\dashv$        | $\dashv$ | 1        | 1    |              | 101        | -               | +-           | +-       | -        | -            | _        | +        | ┪        |
|  | 2        | Ť        | H        |          | - |  |              | _            | -  |          | 1    |             | 52       | <del>           </del>                           | $\dashv$        |                 | -        | $\dashv$ |      |              | 102        | $\dashv$        | +            | +        |          |              | _        | +        | -        |
|  | 3        | Ì        | $\vdash$ | $\neg$   |   | ╁╴   |              | $\vdash$     | $\vdash$   |          | ł    |             | 53       | <del>                                     </del> | $\dashv$        | $\dashv \dashv$ | $\dashv$ | $\dashv$ |      |              | 103        | $\dashv$        | +            | $\vdash$ |          |              | -        | 十        | ┪        |
|  | 4        | 7        | -        |          | - |  |              |              |  |          | 1    |             | 54       | <del>  - -</del>                                 |                 | -1-1            | $\dashv$ | ┥.       |      |              | 104        | $\top$          | +            | +        | -        |              | 1        | +        | $\dashv$ |
|  | 5        | 7        |          |          |   | <u> </u>   |              |              |  |          | 1    |             | 55       |  | $\top$          | -1-1            |          | $\dashv$ |      |              | 105        | 1               | 1            | t        |          |              | T        | 十        | ┪        |
|  | 6        | 1        |          | $\neg$   |   | $\vdash$   |              |              | $\vdash$   |          |      |             | 56       |  | $\dashv \dashv$ | $\dashv \dashv$ | 十        | _        | ı    |              | 106        | $\neg \uparrow$ | 1            | $\top$   |          |              | 7        | 十        | ┪        |
|  | 7        | 7        |          | T        |   |  |              |              |  |          |      |             | 57       |  |                 |                 | 7        | ╗        |      |              | 107        |                 | 1-           | 丅        |          |              | T        | 寸        | ╗        |
|  | 8        | 7        |          |          |   |  |              |              |  |          | 1    |             | 58       |  |                 |                 |          | 7        | i    |              | 108        |                 |              |          |          |              |          | ヿ        | ╗        |
|  | 9        | 1        |          |          |   |  |              |              |  |          |      |             | 59       |  | 11              |                 | 一        | ╗        |      |              | 109        | _               |              |          | $\Box$   |              | 寸        | ヿ        | ╗        |
|  | 10       | 1        |          |          |   |  |              |              |  |          |      |             | 60       |  |                 |                 | $\top$   |          | uit. |              | 110        | _  ·            | Т            |          |          |              | $\Box$   | ⇉        |          |
|  | 11       | 1        |          |          |   |  |              |              |  |          | ] .  |             | 61       |  |                 |                 |          | <u> </u> |      |              | 111        |                 | T            |          |          |              |          | J        |          |
|  | 12       | 1        |          |          |   |  |              |              |  |          | ž    |             | 62       |  |                 |                 |          |          |      |              | 112        |                 |              |          |          |              |          | $\Box$   |          |
|  | 13       |          |          |          |   |  |              |              |  |          | ] :  |             | 63       |  |                 |                 |          |          |      |              | 113        |                 |              |          |          |              |          | $\Box$   |          |
|  | 14       |          |          |          |   |  |              |              |  |          | . :  |             | 64       |  |                 |                 |          | ]        | 1.7  |              | 114        |                 |              |          |          |              |          |          |          |
|  | 15       |          |          |          |   |  |              |              |  |          | × *  |             | 65       |  |                 |                 | $\Box$   |          |      |              | 115        |                 | $oxed{oxed}$ |          |          |              |          | $\Box$   |          |
|  | 16       |          |          |          |   |  |              |              |  |          |      |             | 66       |  |                 |                 |          |          | ١.   |              | 116        |                 | $\perp$      |          |          |              |          |          |          |
|  | 17       |          |          |          |   |  |              |              |  |          | - 00 |             | 67       |  |                 |                 | $\perp$  |          |      |              | 117        |                 |              |          |          |              |          | $\Box$   |          |
|  | 18       |          |          |          |   |  |              |              |  |          |      |             | 68       |  |                 |                 |          |          |      |              | 118        |                 | ┸            |          |          |              |          | $\dashv$ |          |
|  | 19       |          |          |          |   | L  |              |              |  |          | a ŝ  |             | 69       |  |                 |                 |          | _        |      |              | 119        |                 |              |          |          |              | _        | $\perp$  | ┙        |
|  | 20       |          |          |          |   | L_   |              |              |  |          | - 1  |             | 70       |  |                 |                 |          | ╝.       | à l  |              | 120        |                 | ┸            |          |          |              |          | _        | ┙        |
|  | 21       |          |          |          |   | _  |              |              |  |          | -    |             | 71       |  |                 |                 |          |          | 4    |              | 121        | $\perp$         | $\perp$      |          |          |              |          |          |          |
|  | 22       |          |          |          |   | <u> </u>   |              |              |  |          | ă.   |             | 72       |  |                 |                 |          |          |      |              | 122        |                 |              | _        |          |              |          | _        |          |
|  | 23       |          | Ц        | _        |   |  |              |              |  |          | ١.   |             | 73       |  |                 |                 |          | _        |      |              | 123        |                 |              | $\perp$  |          |              | _        | $\dashv$ | _        |
| L  | 24       |          |          | _        |   |  |              |              |  |          |      |             | 74       |  | $\dashv$        | $\perp$         |          | _        |      |              | 124        |                 |              | <u> </u> | Ш        |              | _        | $\dashv$ | _        |
|  | 25       |          |          |          |   | _  |              |              | _  |          | 1    |             | 75       |  | $\dashv$        | 44              |          |          | e i  |              | 125        | $\perp$         | _            | ↓_       |          |              |          | _        | _        |
|  | 26       |          |          |          | _ |  |              |              |  |          |      |             | 76       |  | $\perp \perp$   | $\perp$         |          | _  .     | . 1  |              | 126        |                 | _            | ╄        |          |              |          | 4        | _        |
| <u> </u>   | 27       |          | Ш        | _        |   | L  |              |              |  |          |      |             | 77       |  | $\dashv$        | $\dashv$        | _        | _ .      |      |              | 127        | 4               |              | -        | Ш        |              | _        | $\dashv$ | _        |
| ļ  | 28       |          |          |          | _ | <u> </u>   |              |              |  |          | 1.5  | <u> </u>    | 78       |  | $\dashv$        |                 |          | 4        |      |              | 128        |                 | _            | ╄        | $\vdash$ |              | _        | $\dashv$ | 4        |
|  | 29       |          | $\sqcup$ | _        |   | ┡  | _            |              | _  |          |      | <u> </u>    | 79       |  | $\dashv$        | -               | -        | 4:       |      |              | 129        |                 | -            | ┼-       | <b>.</b> |              | _        | +        | -        |
|  | 30       |          |          | _        |   | <u> </u>   | $\Box$       |              | <u> </u>   |          | . ×  |             | 80       |  |                 |                 | +        | 4        | ٠.,  |              | 130        | -               | +            | $\vdash$ |          |              | -        | $\dashv$ | $\dashv$ |
| <u> </u>   | 31       |          | $\vdash$ | -        |   | _  |              | _            | -  |          | 4    |             | 81       |  | $\dashv$        | -               |          | 4        | -    |              | 131        | -               |              | +-       | <b>—</b> |              |          | $\dashv$ | -        |
|  | 32       | Н        |          |          |   | $\vdash$   | H            | <u> </u>     | <u> </u>   | _        |      | -           | 82       | +++  |                 |                 | +        | $\dashv$ |      |              | 132        | +               | +            | $\vdash$ | H        | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>   | 33<br>34 | Н        | $\vdash$ | $\dashv$ | _ | $\vdash$   | -            | <u> </u>     | $\vdash$   | -        |      |             | 83<br>84 | +++  | +               | +               | +        | $\dashv$ | ŧ.   |              | 133<br>134 | +               | +            | +        | $\vdash$ | $\vdash$     | $\dashv$ | +        | $\dashv$ |
| <del></del>                                      | 35       | $\vdash$ |          | $\dashv$ |   | $\vdash$   |              |              | $\vdash$   | _        | 7 :  | <del></del> | 85       | <del>                                     </del> | +               | $\dashv\dashv$  | -        |          |      |              | 135        | -               | ╫            | +-       | $\vdash$ | $\vdash$     | $\dashv$ | +        | $\dashv$ |
| <del>                                     </del> | 36       | Н        | $\vdash$ | -        |   | -  | H            | -            | $\vdash$   |          |      | $\vdash$    | 86       | <del>                                     </del> | $\dashv$        | $\dashv\dashv$  | +        | $\dashv$ |      |              | 136        | +               | +            | +        | $\vdash$ | $\vdash$     | $\dashv$ | +        | $\dashv$ |
| <del>                                     </del> | 37       | $\vdash$ | $\dashv$ | -        |   | ├  |              | -            | $\vdash$   | _        | 1    |             | 87       | +++  |                 | $\dashv$        | +        | $\dashv$ |      |              | 137        | +               | +            | +        | Н        | $\vdash$     | $\dashv$ | +        | $\dashv$ |
| <b></b> -  | 38       | Н        | $\vdash$ | -        |   | $\vdash$   |              |              | $\vdash$   | -        |      | <u> </u>    | 88       | <del>                                     </del> | $\dashv$        | +               | $\dashv$ | $\dashv$ |      |              | 138        | $\dashv$        | +-           | +        | $\vdash$ | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$   | 39       | $\vdash$ | $\vdash$ | -        | - | $\vdash$   | <del></del>  |              | $\vdash$   | -        | 1    | $\vdash$    | 89       | <del>                                     </del> | $\dashv$        | $\dashv\dashv$  | +        | $\dashv$ |      |              | 139        | +               | +            | +        | $\vdash$ | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
| <del> </del>                                     | 40       | $\vdash$ | $\vdash$ | $\dashv$ | - |  | -            | <del> </del> | $\vdash$   | _        | ł    | <u> </u>    | 90       |  | $\dashv$        |                 | $\dashv$ | $\dashv$ | -    |              | 140        | +               | +            | +        | H        | -            | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 41       | H        | $\vdash$ | $\dashv$ | - | $\vdash$   |              | -            | <del>                                     </del> | -        |      | <b></b> -   | 91       | <del> - - - -</del>                              | $\dashv$        | $\dashv$        | $\dashv$ | $\dashv$ |      |              | 141        | $\dashv$        | +            | +-       | $\vdash$ | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$   | 42       | -        | $\vdash$ | -        | _ |  | <u> </u>     | $\vdash$     | Н  | $\vdash$ | 1    | $\vdash$    | 92       | <del>                                     </del> | +               | $\dashv$        | $\dashv$ | $\dashv$ |      |              | 142        | +               | +            | +        | $\vdash$ | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 43       | Н        | $\vdash$ | $\dashv$ |   | -  | -            |              |  | ⊢        | 1    |             | 93       | <del>                                     </del> | +               | $\dashv$        | $\dashv$ | $\dashv$ |      |              | 143        | $\dashv$        | +            | T        | $\Box$   | $\vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 44       |          |          | $\dashv$ | _ | 一  |              | $\vdash$     | $\vdash$   | _        |      | $\vdash$    | 94       |  | $\dashv$        | $\dashv \dashv$ | $\dashv$ | ٦        |      |              | 144        | $\dashv$        | $\top$       | T        | $\vdash$ |              | 一        | $\dashv$ | $\dashv$ |
|  | 45       |          | $\dashv$ | ᅱ        |   | _  | $\vdash$     | -            | $\vdash$   |          |      | <b></b>     | 95       | <del>                                     </del> | +-              | $\dashv \dashv$ | $\neg$   | $\dashv$ | ,    |              | 145        | $\dashv$        | +            | t        | $\vdash$ | $\vdash$     | $\neg$   | $\dashv$ | $\dashv$ |
|  | 46       |          | $\vdash$ | $\neg$   |   | $\vdash$   | $\vdash$     | -            | <u> </u>   | -        |      | <b></b>     | 96       |  | $\dashv$        | $\dashv\dashv$  | 十        | $\dashv$ |      |              | 146        | $\dashv$        | $\top$       | +        | $\vdash$ |              | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 47       | Н        | $\vdash$ | $\neg$   | _ | Ι  |              |              |  |          | 1 .  |             | 97       | <del>                                     </del> | $\dashv \dashv$ | $\dashv \dashv$ | $\dashv$ | ┪        |      |              | 147        | $\dashv$        | 十            | T        |          | $\Box$       | _        | $\neg$   | $\dashv$ |
|  | 48       |          | H        | T        |   | <del>                                     </del> | _            |              |  |          |      | <u> </u>    | 98       |  | $\dashv \dashv$ |                 | $\dashv$ | $\dashv$ |      |              | 148        | $\dashv$        | $\top$       | T        | П        | Н            | _        | 十        | ヿ        |
|  | 49       |          | $\vdash$ | ᅥ        | _ | $\vdash$   |              | Т            | Г  |          | 1    |             | 99       | - - -  | 7               |                 | 十        | $\dashv$ | į    |              | 149        | $\top$          | ╈            | T        | $\Box$   | Н            | 7        | $\dashv$ | $\neg$   |
|  | 50       |          |          |          |   | T .  |              |              | Г  |          | 1    |             | 100      |  | $\dashv$        |                 | $\neg$   | ┪        | - 1  |              | 150        | $\neg$          | $\top$       | 1        |          |              | _        | $\dashv$ | ヿ        |
|  |          |          | 1        |          |   | _  |              |              |  |          | ,    | <u> </u>    |          |  |                 |                 |          | _        | 1    |              |            |                 |              |          |          |              |          |          |          |